

**New aryl-benzyl-pyrimidine-carboxylic acid compounds**

Patent Number: DE19612101

Publication date: 1997-10-02

Inventor(s): OSSWALD MATHIAS DR [DE]; MEDERSKI WERNER DR [DE]; DORSCH DIETER DR [DE]; SCHMITGES CLAUS DR [DE]; WILM CLAUDIA DR [DE]; CHRISTADLER MARIA [DE]

Applicant(s): MERCK PATENT GMBH [DE]

Requested  
Patent:☐ DE19612101Application  
Number:

DE19961012101 19960327

Priority Number  
(s):

DE19961012101 19960327

IPC

Classification:

C07D239/36; C07D405/04; C07D405/06; C07D417/06; C07D417/12; C07D417/14; C07D417/04; C07D405/12; C07D405/14; A61K31/505; C07D239/36; C07D317/48; C07D307/78; C07D285/14

EC

Classification:

C07D239/36C, C07D405/04, C07D405/06, C07D417/06, C07D417/14

Equivalents:

---

**Abstract**

---

Pyrimidine compounds of formula (Ia) and (Ib), and their salts, are new. R<sup>2</sup> = H, 1-6C alkyl (optionally substituted by 1-3 of OR<sup>3</sup> or halo), (CH<sub>2</sub>)<sub>m</sub>Ph (optionally substituted by 1-3 of R<sup>3</sup>, OR<sup>3</sup> or halo), or (CH<sub>2</sub>)<sub>m</sub>-(cycloalkyl); R<sup>3</sup> = H, 1-6C alkyl or benzyl; Ar = phenyl (optionally substituted by 1-3 of R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>), or a group of formula (a) or (b); E = CH<sub>2</sub> or O; D = carbonyl or (CH<sub>2</sub>)<sub>n</sub>; or E+D = CH=CR<sup>9</sup>; R<sup>6</sup> = R<sup>3</sup>, OR<sup>3</sup> or halo; R<sup>7</sup> = R<sup>3</sup>, OR<sup>3</sup>, halo, NO<sub>2</sub>, NH<sub>2</sub>, NHR<sup>3</sup>, NR<sup>3</sup>R<sup>3</sup>, NHCOR<sup>3</sup>, COOR<sup>3</sup>, O(CH<sub>2</sub>)<sub>n</sub>R<sup>3</sup> or O(CH<sub>2</sub>)<sub>n</sub>OR<sup>3</sup>; R<sup>3</sup> = as R<sup>3</sup>; R<sup>8</sup> = Ph (optionally substituted by 1-3 of R<sup>3</sup>, OR<sup>3</sup>, halo, NO<sub>2</sub>, NH<sub>2</sub>, NHR<sup>6</sup>, NR<sup>6</sup>R<sup>6</sup>, NHCOR<sup>3</sup> or COOR<sup>3</sup>); R<sup>6</sup> = as R<sup>6</sup>; R<sup>3</sup>, OR<sup>3</sup> or halo; R<sup>9</sup> = H, OH, CH<sub>2</sub>OH or COOR<sup>3</sup>; halo = F, Cl, Br or I; m = 0 or 1; n = 1 or 2.

---

Data supplied from the esp@cenet database - I2